

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application OIPE
 Applicant: Shimizu et al. JAN 05 2004
 Serial No. 09/813,692
 Filed: March 21, 2001
 For: MAGNETORESISTIVE FILM
 HAVING NON-MAGNETIC
 SPACER LAYER OF REDUCED
 THICKNESS
 Art Unit: 1773
 Examiner: Uhlir, Nikolas J.

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

December 31, 2003

Date

F-CLASS.WCM
 Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

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 JAN 07 2004
 TC 1700

Mail Stop AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	9	20	=	x \$18.00	= \$
Independent Claims	2	3	=	x \$84.00	= \$
Fee for Multiple Dependent Claims				\$280.00	= \$
Total Additional Fee					\$
Small Entity Fee (reduced by half)					\$ 0

Amendment B.

Petition for Extension of Time with a check for \$110.00

If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

December 31, 2003

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Respectfully submitted,

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GREER, BURNS & CRAIN, LTD.
 By: *Josh C. Snider*
 Josh C. Snider
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2500.65339

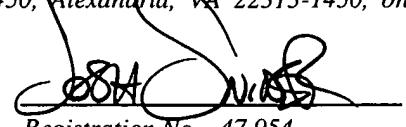
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:)
Applicant(s): Shimizu et al.)
Serial No. 09/813,692)
Conf. No.: 3442)
Filed: March 21, 2001)
For: MAGNETORESISTIVE FILM)
HAVING NON-MAGNETIC)
SPACER LAYER OF REDUCED)
THICKNESS)
Art Unit: 1773)
Examiner: Uhlir, Nikolas J.)

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Attorney for Applicant(s)

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AMENDMENT B

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the final Office Action mailed September 5, 2003, please
enter the following amendments to the above-identified Application:

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